

ABSTRACT OF THE DISCLOSURE

A method of fabricating a color filter substrate for a transflective LCD panel. A color filter is formed on a substrate with pre-defined reflective and transmissive areas, comprising a color filter layer having opening portions. A flat layer is formed to cover the color filter and fill the opening portions. The flat layer and the color filter are planarized (e.g., by polishing) to provide a flat surface. Subsequent processing may include an electrode layer formed on the surface of the color filter to complete the color filter substrate.